

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Toshiaki TAKEZAWA et al. : Attn: BOX PCT  
Serial No. NEW : Docket No. 2001\_1784A  
Filed November 30, 2001 :

TISSUE SECTION-CONTAINING CARRIER FOR  
CULTURE OF ANIMAL CELLS, AND METHOD OF  
USING THE CARRIER FOR CULTURE AND  
TRANSPLANTATION OF ANIMAL CELLS  
[Corresponding to PCT/JP01/02859  
Filed April 2, 2001]

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents,  
Washington, DC 20231

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of ☒ the references listed on attached form PTO-1449 and/or ☐ the additional information identified below in paragraph 3. A legible copy of each reference listed on the form PTO-1449 and each U.S. patent application listed below is enclosed, except a copy is not provided for each reference previously cited by or submitted to the Patent Office in international application no. PCT/JP01/02859.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, or

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☐ the concise explanation contained in the specification of the present application at page,
  - d. ☐ the concise explanation set forth in the attached English language abstract,
  - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Toshiaki TAKEZAWA et al.

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November 30, 2001

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FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)  Date Submitted to PTO: November 30, 2001		ATTY DOCKET NO. 2001_1784A  SERIAL NO. NEW 09/980246  APPLICANT Toshiaki TAKEZAWA et al.  FILING DATE November 30, 2001  GROUP	
U.S. PATENT DOCUMENTS			
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE
	AA		
	AB		
	AC		
	AD		
	AE		
	AF		
	AG		
	AH		
	AI		
FOREIGN PATENT DOCUMENTS			
		DOCUMENT NUMBER	DATE
	AJ	90/2796	3/1990
	AK	9-154567	6/1997
	AL		
	AM		
	AN		
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AO	Takahiro Mori et al., "Parenchymal cells proliferate and differentiate in an organotypic slice culture of the neonatal liver", Anatomy and Embryology, Vol. 199, No. 4, pp. 319-327, 1999.	
	AP		
	AQ		
EXAMINER		DATE CONSIDERED	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.